

C-A OPERATIONS PROCEDURES MANUAL

4.56.r SEB "LESB III South" Primary Cave Sweep Checklist

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P. Ingrassia

SEB "LESB III South" PRIMARY CAVE SWEEP CHECKLIST

Team Leader(TL)_____ Operator 2(O2)_____

Time:_____ Date:_____

Warning:

If any personnel are encountered during the sweep, then they will remain with the sweeper or the sweep shall be aborted. **If** the sweep is aborted **then** the person(s) must be escorted out of the cave by unlocking and opening the "LESB III South" Primary Cave Gate.

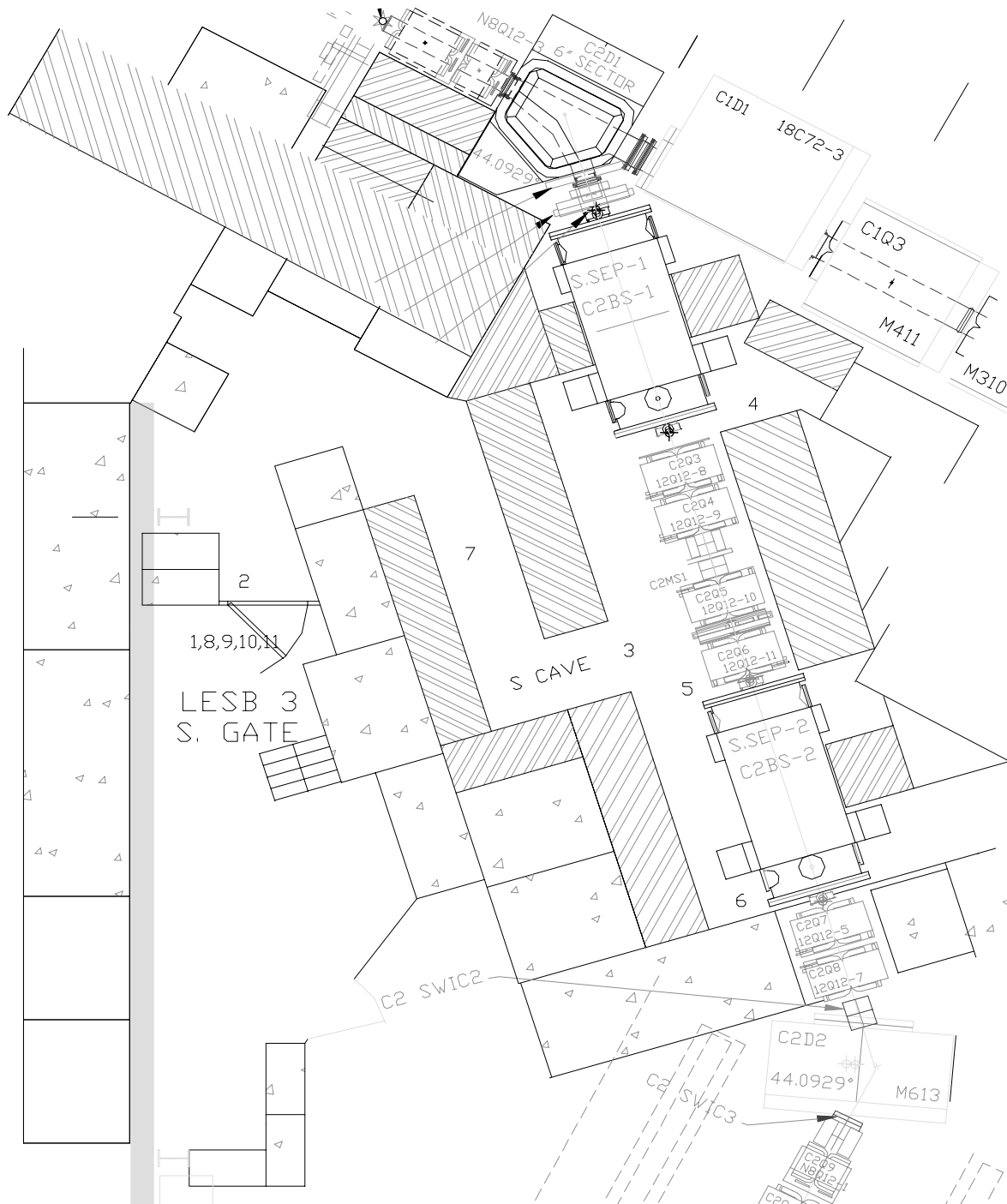
Prerequisites

- Two Operators to perform the sweep.
- BNL keys Nos. 15, AA256A, 693, CAT24.
- AGS OPM Att. 4.56.r — SEB "LESB III South" PRIMARY CAVE SWEEP CHECKLIST (2 pages).
- "C" line set to Controlled Access by simultaneous operation of BNL6 keyswitch & MCR_2-1N2 push-button.
- TLD Badge and Alarming (chirping) Self-Reading Dosimeter.
- LESB III south toggle switch is set to CA (Terminal Room 215 Bldg. 911B).
- Flashlight.

Initial

- _____1. Verify with CAS Watch that LESB III Separator is off and will not be cleared for turn-on until notified by this sweep team.
- _____2. Sweep Team enters outer fence (CAT 24 key) for LESB III South Gate).
- _____3. Sweep Team - enter the LESB III South Gate (BNL-15 Key) and view the overhead barriers to make certain they are in place:
 - _____3.1 Chainlink fencing over the gate.
 - _____3.2 Metal screening where the roof beam and cable trays pass into the labyrinth near the gate.
- _____4. Sweep Team - proceed to the junction of the labyrinth and the main cave and establish O2 as a static watch who will make certain that no one passes into the area being secured.
- _____5. TL - Proceed left (upstream) from the labyrinth passing under the beam line at upstream end of C2Q3 Magnet and into the small alcove beyond. Sweep back to the static watch at the labyrinth.
- _____6. TL - Continue sweeping downstream passing under the beam line between C2Q6 Magnet and the Separator and into the small alcove beyond. Sweep back to the main aisle.
- _____7. TL - Continue sweeping downstream to the cave wall and make certain that the barrier (heavy metal screen) is in place under the separator. Sweep back to static watch.
- _____8. Sweep Team - Sweep back through the labyrinth and out the LESB III South Gate.
- _____9. TL closes and resets the gate (BNL 15 Key).
- _____10. TL verifies that the " Latch Switch" light, door switch, redundant door switch, and "Reset" light (amber) are lit.
- _____11. TL notifies CAS Watch that the LESB III Separator is cleared for turn-on only if both the LESB III North and LESB III South caves have been secured for beam.
- _____12. TL verifies with MCR that "LESB III South" is reset for beam by viewing indicator at MCR_2-1N9
- _____13. TL Locks the outside gate with HP CAT 24 padlock.
- _____14. TL files the checklist in the section of FYXX Sweep Log Binder.

Attachment 4.56.r
SEB "LESB III South" PRIMARY CAVE SWEEP CHECKLIST



Numbers refer to steps in the checklist